

FCB-EH4300

High-definition Color Block Camera

IMAGE SENSING SOLUTIONS



FCB-EH4300

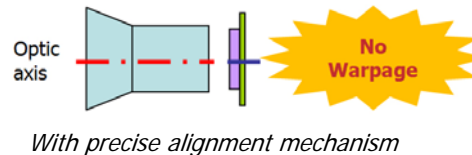
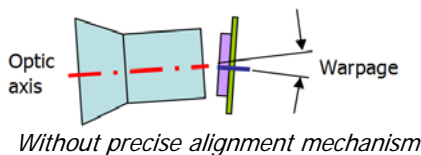
Sony, a leader in the high-definition (HD) industry, is pleased to announce a powerful addition to its HD color block camera lineup, the FCB-EH4300.

Preliminary brochure

Incorporating the “Exmor™” CMOS sensor, this camera achieves excellent HD picture quality with high sensitivity. Inheriting a multitude of features from the world-renowned FCB Series, the FCB-EH4300 is ideal not only for security applications but also for applications that require detailed HD picture quality, such as video conferencing, and for low-vision systems.

Key Features

- Excellent 1080p (1920 x 1080) HD picture quality.
- The “Exmor™ CMOS sensor” realizes high image quality and high sensitivity
 - Normal mode – 1.7 lx (F1.6, 50IRE, Color)
 - High Sensitivity mode - 0.5 lx (F1.6, 50IRE, Color)
- Powerful zoom capability ---- 20x optical and total 200x with digital 10x digital zoom
- Various signal systems and output modes
 - HD
 - Signal system ---1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 720p/59.94, 720p/50, 720p/29.97, 720p/25
 - Video output --- Analog: Component (Y/Pb/Pr), Digital: Y/Cb/Cr 4:2:2 via LVDS (Y: 8-bit, C: 8-bit, V-sync, H-sync, Field, Clock)
 - SD
 - Signal system --- NTSC, PAL
 - Video output --- VBS
- Simple connection – one cable, one connector
 - Covering video, VISCA communication, and power supply with a single cable
 - Supporting both 30-pin thin coaxial and 24-pin FFC interfaces
- Precise alignment mechanism
 - Located between the lens and image sensor to avoid de-focus at the corner of the image



- Security-oriented functions
 - Wide-D technology
 - Day/Night function
 - Digital noise reduction

Other Features

- Various modes for White Balance (Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp Fix/Auto, One-push, Manual)
- Spherical Privacy Zone Masking
- Motion Detection
- Picture effects (E-Flip, Nega Art, Black & White, Mirror Image, Color Enhancement)
- Picture freeze
- Temperature readout
- Title display (20 characters per line, max. 11 lines)
- Camera mode display (English)
- Electronic shutter / slow shutter
- Spot AE